CLS : CLOSE LIMIT SWITCH (250VAC 10A)
OLS : OPEN LIMIT SWITCH (250VAC 10A)
CTS : CLOSE TORQUE SWITCH (250VAC 10A)
OTS : OPEN TORQUE SWITCH (250VAC 10A)
ACLS : AUX. CLOSE LIMIT SWITCH (250VAC 10A)
AOLS : AUX. OPEN LIMIT SWITCH (250VAC 10A)
CC : CLOSE MAGNETIC COIL
OC : OPEN MAGNETIC COIL
TP : THERMAL PROTECTOR (250VAC 15A OPTION)

*EACH ACTUATOR SHOULD BE POWERED THROUGH ITS OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS.

---

**WIRING DIAGRAM**

**INCOMING POWER**

- **AC 1PH (V)**
- **NEUTRAL**
- **LINE**

**ACTUATOR WIRING**

- **2**
- **3**
- **4**
- **5**
- **6**
- **7**
- **8**
- **9**
- **10**
- **11**
- **12**

**FLOWLINE**

**WIRING DIAGRAM**

**110 VDC**

**SERIES 30, SIZE 0050**

---

**SWITCH**

<table>
<thead>
<tr>
<th>SWITCH</th>
<th>OPEN</th>
<th>INTERMEDIATE</th>
<th>CLOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLS</td>
<td>1-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLS</td>
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<tr>
<td>CTS</td>
<td>1-3</td>
<td>CLOSING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE</td>
<td></td>
</tr>
<tr>
<td>OTS</td>
<td>1-3</td>
<td>OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE</td>
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</tbody>
</table>